

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013136.D
 Acq On : 29 Mar 2023 17:45
 Operator : KP/MD
 Sample : 02126-04
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-D

Quant Time: Mar 29 23:34:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	84705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55348	65.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.620%
35) Dibromofluoromethane	7.715	113	51232	59.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.380%
50) Toluene-d8	10.178	98	174827	55.251	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.500%
62) 4-Bromofluorobenzene	12.483	95	52662	49.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.620%

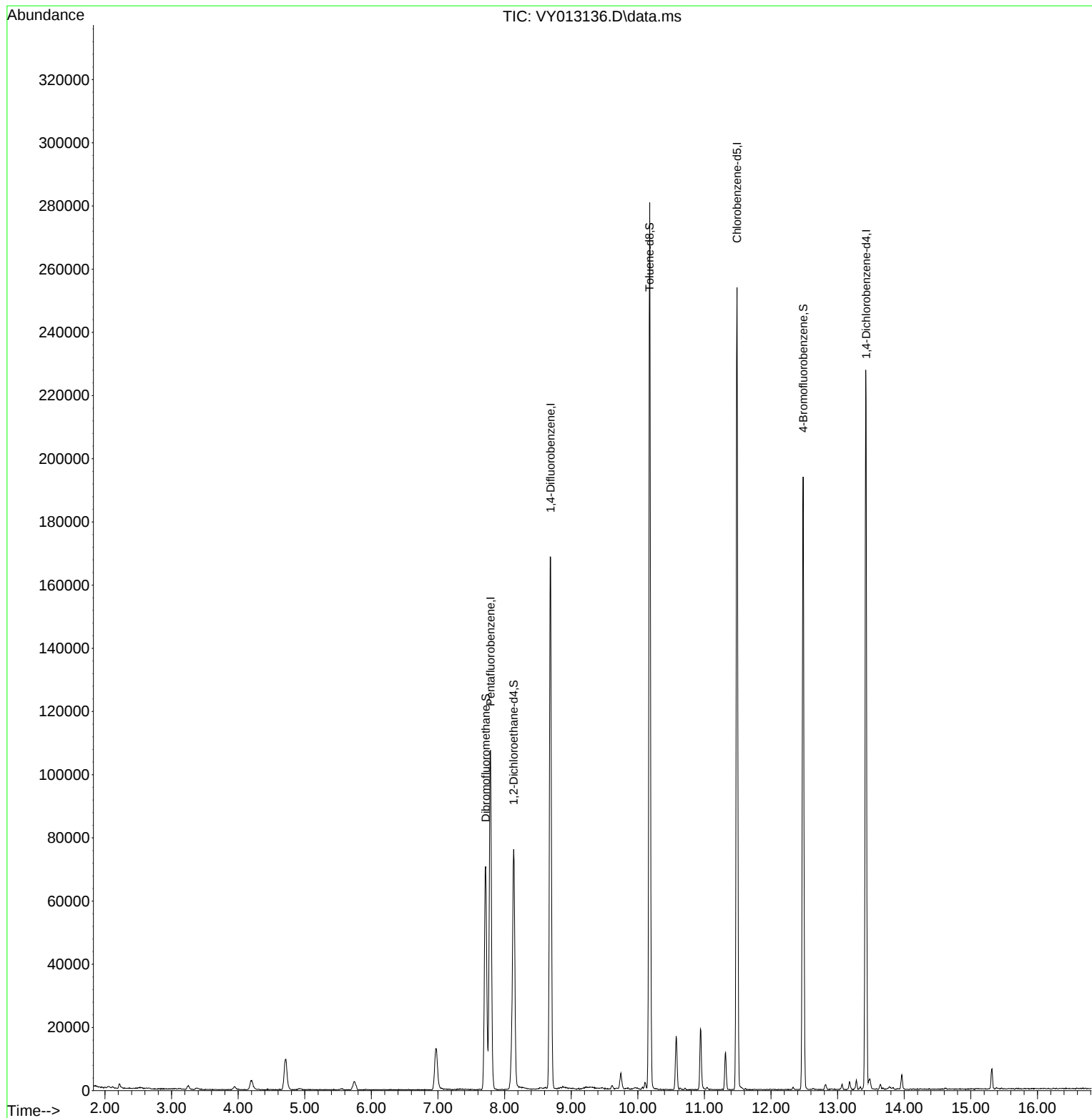
Target Compounds	Qvalue

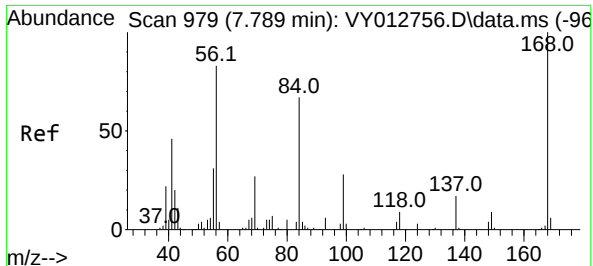
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
Data File : VY013136.D
Acq On : 29 Mar 2023 17:45
Operator : KP/MD
Sample : 02126-04
Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RS-D

Quant Time: Mar 29 23:34:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

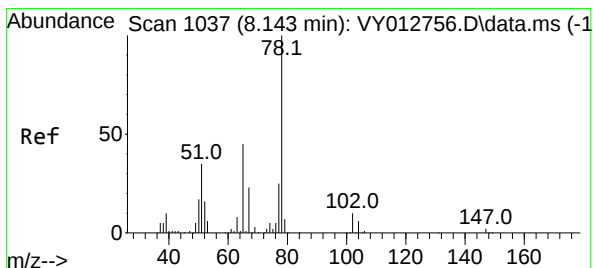
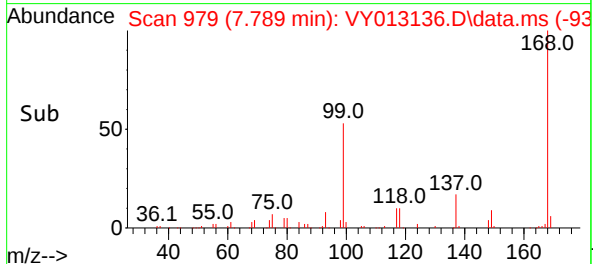
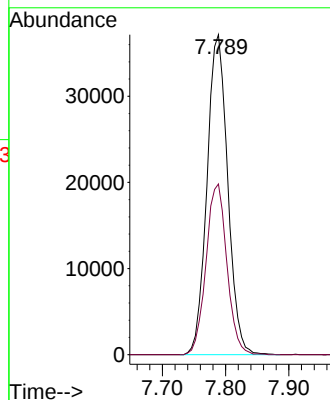
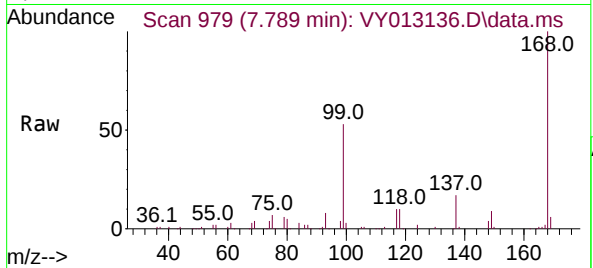




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

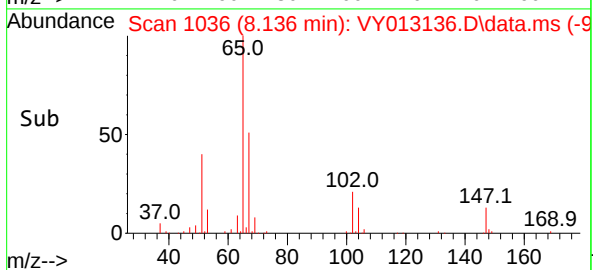
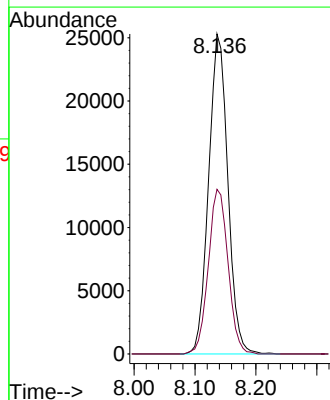
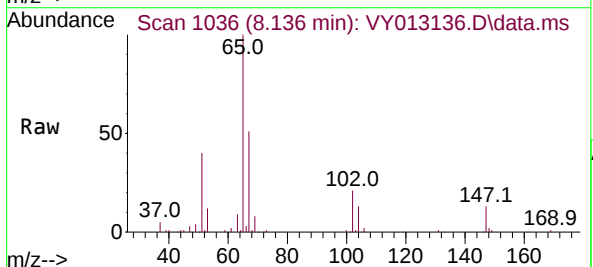
Instrument :
MSVOA_Y
ClientSampleId :
RS-D

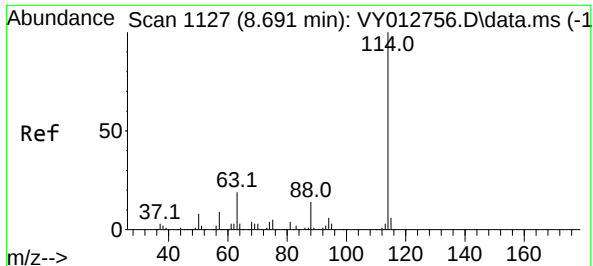
Tgt Ion:168 Resp: 84705
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.811 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Tgt Ion: 65 Resp: 55348
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013136.D

Acq: 29 Mar 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

RS-D

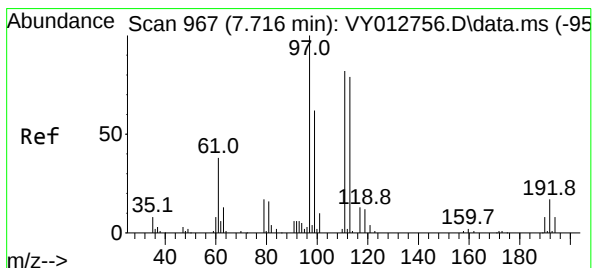
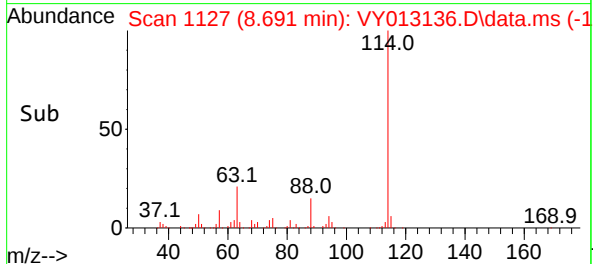
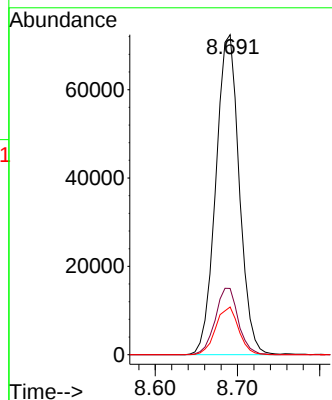
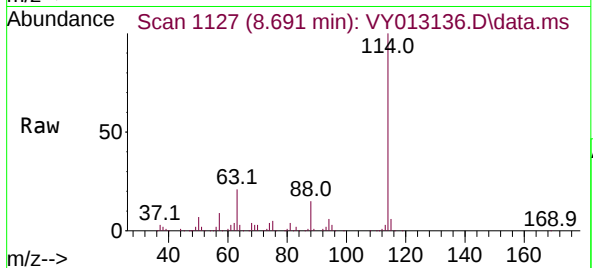
Tgt Ion:114 Resp: 143420

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 59.191 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013136.D

Acq: 29 Mar 2023 17:45

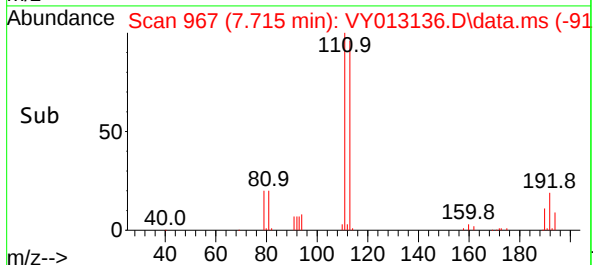
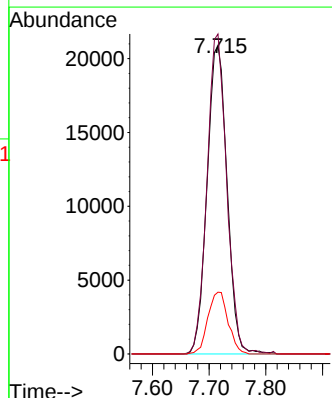
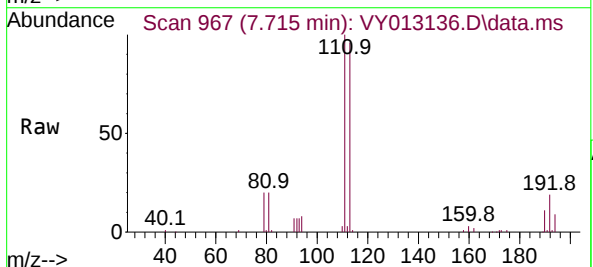
Tgt Ion:113 Resp: 51232

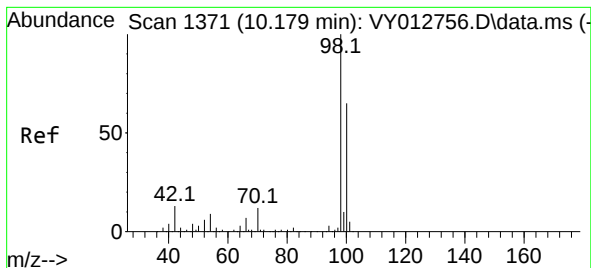
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 20.2 16.8 25.2





#50

Toluene-d8

Concen: 55.251 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013136.D

Acq: 29 Mar 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

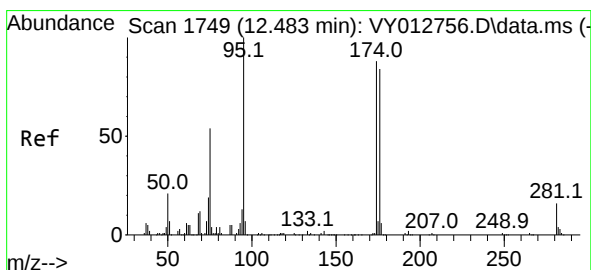
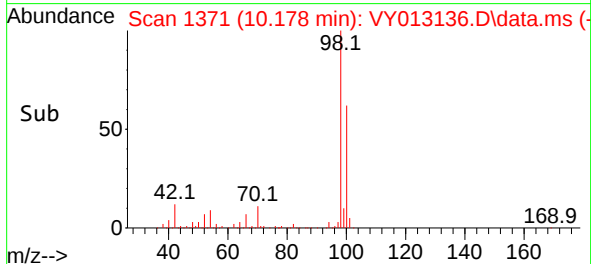
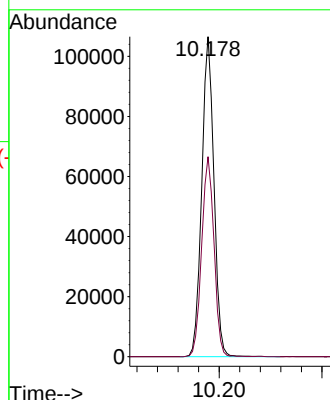
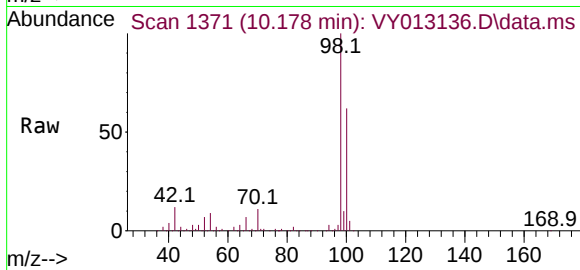
RS-D

Tgt Ion: 98 Resp: 174827

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.309 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013136.D

Acq: 29 Mar 2023 17:45

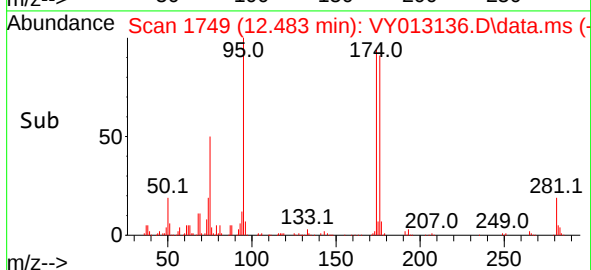
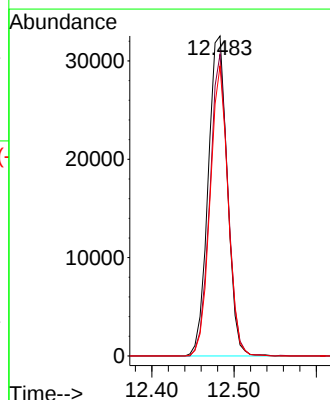
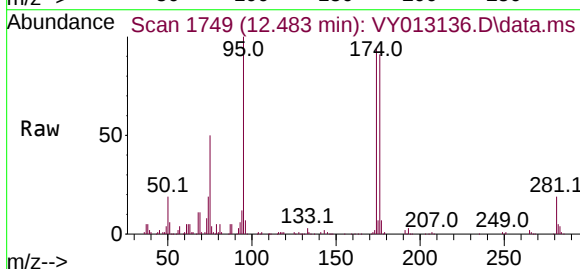
Tgt Ion: 95 Resp: 52662

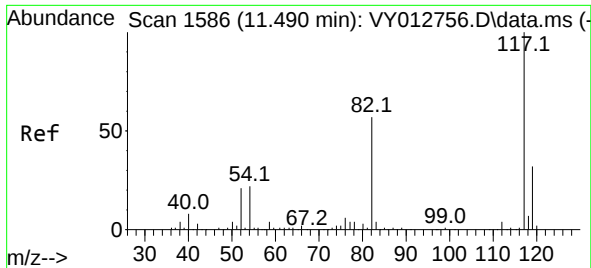
Ion Ratio Lower Upper

95 100

174 89.2 0.0 176.6

176 85.2 0.0 170.2

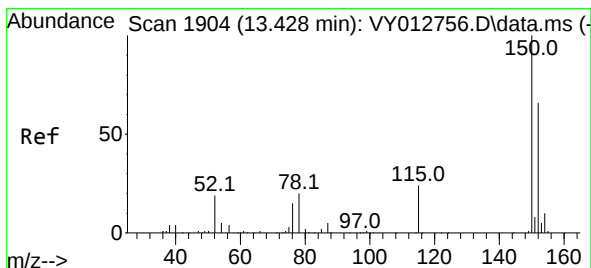
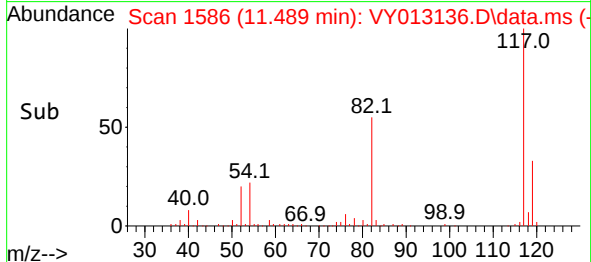
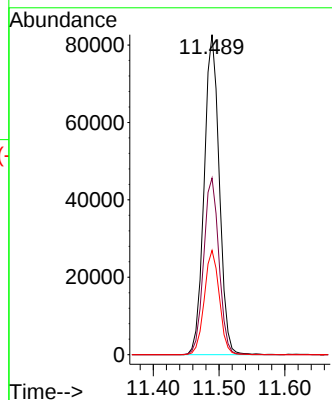
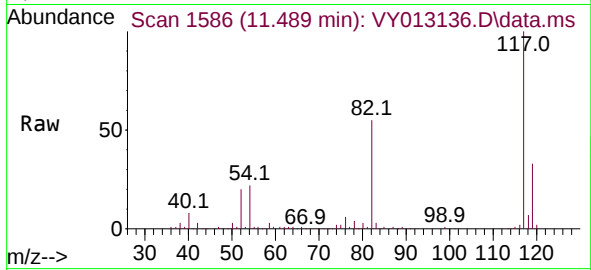




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
RS-D

Tgt Ion:117 Resp: 132290
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Tgt Ion:152 Resp: 58629
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 157.6 0.0 347.8

